

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/543,046  
Source: PCT  
Date Processed by STIC: 08/02/2005

***ENTERED***



PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/543,046

DATE: 08/02/2005  
TIME: 15:02:25

Input Set : A:\PU48040-C SEQ LIST.TXT  
Output Set: N:\CRF4\08022005\J543046.raw

4 <110> APPLICANT: SmithKline Beecham Corporation  
6 <120> TITLE OF INVENTION: ErbB4 Co-Crystal  
9 <130> FILE REFERENCE: PU4804WO  
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/543,046  
C--> 11 <141> CURRENT FILING DATE: 2005-07-21  
11 <150> PRIOR APPLICATION NUMBER: 60/441,443  
12 <151> PRIOR FILING DATE: 2003-01-21  
14 <160> NUMBER OF SEQ ID NOS: 2  
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
18 <210> SEQ ID NO: 1  
19 <211> LENGTH: 364  
20 <212> TYPE: PRT  
21 <213> ORGANISM: homo sapien  
23 <400> SEQUENCE: 1  
24 Met Lys Lys Gly His His His His His Gly Leu Glu Thr Glu Leu  
25 1 5 10 15  
26 Val Glu Pro Leu Thr Pro Ser Gly Thr Ala Pro Asn Gln Ala Gln Leu  
27 20 25 30  
28 Arg Ile Leu Lys Glu Thr Glu Leu Lys Arg Val Lys Val Leu Gly Ser  
29 35 40 45  
30 Gly Ala Phe Gly Thr Val Tyr Lys Gly Ile Trp Val Pro Glu Gly Glu  
31 50 55 60  
32 Thr Val Lys Ile Pro Val Ala Ile Lys Ile Leu Asn Glu Thr Thr Gly  
33 65 70 75 80  
34 Pro Lys Ala Asn Val Glu Phe Met Asp Glu Ala Leu Ile Met Ala Ser  
35 85 90 95  
36 Met Asp His Pro His Leu Val Arg Leu Leu Gly Val Cys Leu Ser Pro  
37 100 105 110  
38 Thr Ile Gln Leu Val Thr Gln Leu Met Pro His Gly Cys Leu Leu Glu  
39 115 120 125  
40 Tyr Val His Glu His Lys Asp Asn Ile Gly Ser Gln Leu Leu Leu Asn  
41 130 135 140  
42 Trp Cys Val Gln Ile Ala Lys Gly Met Met Tyr Leu Glu Glu Arg Arg  
43 145 150 155 160  
44 Leu Val His Arg Asp Leu Ala Ala Arg Asn Val Leu Val Lys Ser Pro  
45 165 170 175  
46 Asn His Val Lys Ile Thr Asp Phe Gly Leu Ala Arg Leu Leu Glu Gly  
47 180 185 190  
48 Asp Glu Lys Glu Tyr Asn Ala Asp Gly Gly Lys Met Pro Ile Lys Trp  
49 195 200 205  
50 Met Ala Leu Glu Cys Ile His Tyr Arg Lys Phe Thr His Gln Ser Asp  
51 210 215 220  
52 Val Trp Ser Tyr Gly Val Thr Ile Trp Glu Leu Met Thr Phe Gly Gly

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53 225 230 235 240  
 54 Lys Pro Tyr Asp Gly Ile Pro Thr Arg Glu Ile Pro Asp Leu Leu Glu  
 55 245 250 255  
 56 Lys Gly Glu Arg Leu Pro Gln Pro Pro Ile Cys Thr Ile Asp Val Tyr  
 57 260 265 270  
 58 Met Val Met Val Lys Cys Trp Met Ile Asp Ala Asp Ser Arg Pro Lys  
 59 275 280 285  
 60 Phe Lys Glu Leu Ala Ala Glu Phe Ser Arg Met Ala Arg Asp Pro Gln  
 61 290 295 300  
 62 Arg Tyr Leu Val Ile Gln Gly Asp Asp Arg Met Lys Leu Pro Ser Pro  
 63 305 310 315 320  
 64 Asn Asp Ser Lys Phe Phe Gln Asn Leu Leu Asp Glu Glu Asp Leu Glu  
 65 325 330 335  
 66 Asp Met Met Asp Ala Glu Glu Tyr Leu Val Pro Gln Ala Phe Asn Ile  
 67 340 345 350  
 68 Pro Pro Pro Ile Tyr Thr Ser Arg Ala Arg Ile Asp  
 69 355 360  
 72 <210> SEQ ID NO: 2  
 73 <211> LENGTH: 966  
 74 <212> TYPE: DNA  
 75 <213> ORGANISM: homo sapien  
 77 <400> SEQUENCE: 2  
 78 atgaaaaaaag gtcatcatca tcatcatcat ggttggaaa cagagttgg ggaaccatta 60  
 79 actcccagtg gcacagcacc caatcaagct caacttcgta ttttggaaaga aactgagctg 120  
 80 aagagggtaa aagtccttgg ctcagggtct tttggAACCGG tttataaagg tatttgggtta 180  
 81 cctgaaggag aaactgtgaa gattcctgtg gctattaaga ttcttaatga gacaactgg 240  
 82 cccaaaggcaa atgtggagtt catggatgaa gctctgatca tggcaagtat ggatcatcca 300  
 83 cacctagtcc ggttgctggg tttgtgtctg agcccaacca tccagctgg tactcaactt 360  
 84 atgccccatg gtcgcctgtt ggagttatgtc cacgagcaca aggataacat tggatcacaa 420  
 85 ctgctgctta actgggtgtt ccagatagct aaggaaatgtg ttttggatgttgg 480  
 86 ctgcgttcatc gggatttggc agcccgtaat gtcttagtga aatctccaaa ccatgtgaaa 540  
 87 atcacagatt ttgggcttagc cagactcttg gaaggagatg aaaaagatg caatgtgtat 600  
 88 ggaggaaaga tgccaaattaa atggatggct ctggagtgtt tacattacag gaaatttcacc 660  
 89 catcagagtg acgtttggag ctatggagtt actatatggg aactgtatgac ctttggagga 720  
 90 aaaccctatg atggaattcc aacgcgagaa atccctgatt tattagagaa aggagaacgt 780  
 91 ttgcctcagc ctccccatctg cactattgac gtttacatgg tcatggtcaa atgttggatg 840  
 92 attgatgtctg acagtagatgacc taaatttaag gaactggctg ctgagtttc aaggatggct 900  
 93 cgagaccctc aaagataacct agttattcag ggtgtatgatc gtatgaagct tcccaatcc 960  
 94 aattga 966

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/543,046**

DATE: 08/02/2005

TIME: 15:02:26

Input Set : **A:\PU48040-C SEQ LIST.TXT**

Output Set: **N:\CRF4\08022005\J543046.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date